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(MT)	

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MPsrch_nn n.a. - n.a. database search, using Smith-Waterman algorithm

Run on: Tue Oct 26 08:02:34 1999; MasPar time 23.19 Seconds 940.454 Million cell updates/sec

bular output not generated.

e:
Description:
Perfect Score:
N.A. Sequence:
Comp: >US-08-978-217-6 (1-252) from US08978217.seq 252

1 AATTGTGCCCTTGAGGAGCT......CCGGCAGCTGTGGCGCAGGA 252 TTAACACGGGAACTCCTCGA......GGCCGTCGACACCGCGTCCT

Scoring table: TABLE default Gap 6

Nmatch STD : Dbase 0; Query 0

165353 seqs, 43264542 bases x 2

Post-processing: Minimum Match 0% Listing first 45 summaries

Database: n-issued 1:5A_COMB 2:5B_COMB 3:5C_COMB 4:PCT9_COMB 5:backfiles1

Statistics: Mean 7.464; Variance 4.584; scale 1.628

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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US-08-4/1-	US-08-250- US-08-471-	PCT-US95-1	US-08-471- US-08-471-	PCT-US95-1 US-08-572-	PCT-US95-1 PCT-US95-1	US-08-238- PCT-US95-1	US-08-388- US-08-388-	US-08-746- US-08-238-	ID
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Applicati Applicatio Applicati Applicati	Application	Applicatio Applicatio Applicatio	Applicati Applicati
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ALIGNMENTS

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INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS: LENGTH: 1920 TYPE: Nucleic Acid STRANDEDNESS: Single TOPOLOGY: Linear ANTI-SENSE: No	TELEPHONE: 610 270 5219 TELEPHONE: 610 270 5219 TELEPAX: 610 270 4026	NAME: William T. Han REGISTRATION NUMBER: 34,344 REFERENCE/DOCKET NUMBER: ATG 50024	PRIOR APPLICATION DATA: APPLICATION NUMBER: FILING DATE: ATTORNEY/AGENT INFORMATION:	CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/746,789A FILING DATE: No. 5789200ember 15, 1996 CLASSIFICATION: 514	6 H P O C 1	# " # # # # # # # # # # # # # # # # # #	UT 1 US-08-746-789A-1 STANDARD; DNA; UNC; 1920 BP. UX-XXXXX Sequence 1, Application US/08746789A Sequence 1, Application US/08746789A Patent No. 5789200

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Matches

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Gaps

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Sequence 5, Application US/08238163
Sequence 5, Application US/08238163
Patent No. 5569830
                                                                       INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 215 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-238-163-5 STANDARD; DNA; UNC; 215 BP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE 1920 BP;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Bastian, Kevin L.
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 23
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local
                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Khourie and Crew
                            STRANDEDNESS: single
TOPOLOGY: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: PLANT INHIBITORS OF FUNGAL
TITLE OF INVENTION: POLYGALACTURONASES AND THEIR USE TO CONTROL FUNGAL DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                     UMBER OF SEQUENCES:
                                                                                                                                                                                                              FILING DATE: 0:
CLASSIFICATION:
                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                       ZIP: 94105-1493
                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                              CITY: San Francisco
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AATTGTGCCCTTGAGGAGCTGCGTCTGGGTCTTTGGGCCTCTGGGGGGACCAACTCCATGCC 60
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Similarity 100.0%;
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STOTZ, Henrik
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  BENNETT, Alan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LABAVITCH, John M.
                                                                                                                                                                                                                           03-MAY-1994
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                                                                                                                                                                                                                                      US/08/238,163
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Pred. No. 4.97e-152;
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Best Local S
Matches 2
                                                              TELEFAX: 212-838-3884
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 22, Application US/08388672A Sequence 22, Application US/08388672A Patent No. 5795961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-388-672A-22 STANDARD; DNA; UNC;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: /standard_name= "Deduced amino acid OTHER INFORMATION: sequence of PGIP from bean." SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             129 TGGCATGGCCTTCCAGGAGGCCCTAGACCCAGGGCCCTTTGACCAGGGCAGCCCCTTTGC 188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                137
                   SEQUENCE CHARACTERISTICS:
LENGTH: 965 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   69 AGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGGATCATTGAGCTGCTGGAGAAGGA 128
                                                                                                                                                                                                SOFTWARE: PatentIn Release #1.0, V.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,672A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 17 SCNDKAKKDGNTTSSWTTDCCNRTWGVCDTDTTYRVNNDSGHNKYSSANYNYGGNNVGAA 76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity 13.8%; les 26; Conservation
                                                                                      TELECOMMUNICATION INFORMATION TELEPHONE: 212-688-9200
                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            77 KTHYYTHTNYSGADSKTYTDSYNASGTSSSNGGTDGNRSGADSYGSSKTAMTSRNRTGKT 136
                                                                                                                                                 ATTORNEY/AGENT INFORMATION: NAME: Hanson, No. 579596
                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Recombinant TITLE OF INVENTION: Antibodies
                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Old, Lloyd J.
APPLICANT: Welt, Sydney
APPLICANT: Kitamura, Kunio
                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Hanson, NO. 5795961mar
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feat
LOCATION: 1..215
OTHER INFORMATION:
OTHER INFORMATION:
            STRANDEDNESS:
                                                                                                                                                                          FILING DATE: 1
CLASSIFICATION:
                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                            CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                       STREET:
                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ANNAVDSRNMGDASVGSDKNTKKHAKNSADGKVGSKNNGDRNNRYGTGTKSNVSNNCGGG 196
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                                                                                                                                                                                                                                                                                                             U.S.A.
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Old, Lloyd J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Wallace, T. Paul
Harris, William
                                                                                                                                                                                                                                                                                                                                                                    Felfe and Lynch
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1..215
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                                                                                                                                             5795961man D.
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Pred. No. 1.77e-07
71; Mismatches 9
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